ELEVATION CERTIFICATE

OMB No. 1660-0008 Expiration Date: November 30, 2018

IMPORTANT: In these spaces, copy the corresponding information		FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.)	or P.O. Route and Box No.	Policy Number:
City State	ZIP Code	Company NAIC Number
SECTION G - COMMUNITY	INFORMATION (OPTIONAL)	
The local official who is authorized by law or ordinance to administer Sections A, B, C (or E), and G of this Elevation Certificate. Complete used in Items G8–G10. In Puerto Rico only, enter meters.	the community's floodplain mathe applicable item(s) and sign	nagement ordinance can complete below. Check the measurement
G1. The information in Section C was taken from other docume engineer, or architect who is authorized by law to certify eledata in the Comments area below.)	ntation that has been signed arevation information. (Indicate th	nd sealed by a licensed surveyor, e source and date of the elevation
G2. A community official completed Section E for a building location Zone AO.	ated in Zone A (without a FEM/	A-issued or community-issued BFE)
G3. The following information (Items G4–G10) is provided for or	ommunity floodplain managem	ent purposes.
G4. Permit Number 10-120085 B1 10-120087 B1		Date Certificate of Compliance/Occupancy Issued
G7. This permit has been issued for: New Construction] Substantial Improvement	
G8. Elevation of as-built lowest floor (including basement) of the building:	feet	meters Datum
G9. BFE or (in Zone AO) depth of flooding at the building site:	feet	meters Datum
G10. Community's design flood elevation:	feet	meters Datum
Local Official's Name	Title	
Community Name	Telephone	
Signature	Date	
Comments (including type of equipment and location, per C2(e), if app	nlicable)	
The state of the s	oncable)	
		Check here if attachments.

DEPARTMENT OF HOMELAND SECURITY

Federal Emergency Management Agency
ELEVATION CERTIFICATE
IMPORTANT: FOLLOW THE INSTRUCTIONS ON PAGES 9-16

OMB Control Number: 1660-0008 Expiration: 11/30/2018

Copy all pages of this Elevation Certificate and all attachments for (1) community o	official, (2) insura	rce agent/company	, and (3) building	USE
SECTION A - PROPERTY INFORMATION		T Older INCOIGN		
A1. Building Owner's Name 1019 Crescent Street, LLC		Policy Number:		
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P Box No. 1036 & 1038 Point of Rocks Road	O. Route and	Company NAIC Number:		
	State FL		Zip Code 34	242
City Sarasota A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal	Description, etc	:.)		8.77
Lot 22, Point of Rocks Terrace, Plat 3, Page 88, Public records of Sarasot	ta County, Florid	Ia		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc A5. Latitude/Longitude: Lat. N 27deg 14.782' Long.W 82d31.983' Horiz	.) Residential ontal Datum:		© NAD 1983	in the
A5. Latitude/Longitude: Lat. N 27deg 14.782' Long. W 82d31.983' FIGURE A6. Attach at least 2 photographs of the building if the Certificate is being use		NAD 1927	(e-MAD 1903	± 8
	d to obtain noo-			
A7. Building Diagram Number 6 A8. For a building with a crawlspace or enclosure(s):	A9. For a build	ling with an attache	ed garage:	
a) Square footage of crawlspace or enclosure(s) 2138 sq ft sq ft	a) Square foots	age of attached ga	rage N/A	sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade	b) Number of p in the attach above adjac	nermanent flood op ed garage within 1 ent grade	enings I.0 foot N/A	
c) Total net area of flood openings in A8.b 1540 sq in sq in	c) Total net are	ea of flood opening	s in A9.b N/A	sq in
d) Engineered flood openings? (© Yes (No	d) Engineered	flood openings?	C Yes C	No
SECTION B - FLOOD INSURANCE RATE	E MAP (FIRM) II	NFORMATION		
B1. NFIP Community Name & Community Number Sarasota County / 12115			B3	I. State FL
12115F 206 F Revised D		. Flood Zone(s) AE	B9. Base Flood (Zone AO, to depth	Elevation(s) use base flood
11/04/2016 11/04/20	16		10 Feet	g()
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood	d depth entered	in Item B9:		
FIS Profile FIRM Community Determined Cother/Source:			* .	
B11. Indicate elevation datum used for BFE in Item B9:				
B12. Is the building located in a Coastal Barrier Resources System (CBRS) a	rea or Otherwise	e Protected Area (OPA)? (Yes	No
Designation Date: CBRS COPA		0		
SECTION C - BUILDING ELEVATION INFO			Finished Const	nuction
C1. Building elevations are based on: Construction Drawings* Buil C2. Elevations - Zones A1 - A30, AE, AH, A (with BFE), VE, V1 - V30, V (with	Iding Under Con			
Complete Items C2.a -h below according to the building diagram specified in A new Elevation Certificate will be required when construction of the building	Item A7. In Pue	rto Rico only, ente	r meters.	
No. of the control of	rtical Datum: N	IAVD 1988		
Indicate elevation datum used for the elevations in items a) through h) below.	_		}	
Cother/Source:			-	
Datum used for building elevations must be the same as that used for the BF	E. 2		Check the mea	surement used
a) Top of bottom floor (including basement, crawispace, or enclosure floor)	4.4	-	(e feet	C meters
b) Top of the next higher floor	15.4	-	(e) feet	C meters
c) Bottom of the lowest horizontal structural member (V Zones only)	N/A		€ feet € feet	C meters
d) Attached garage (top of stab)	N/A		्राउट	/ Melola
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	14.2	-	(e) feet	C meters
f) Lowest adjacent (finished) grade next to building (LAG)	3.8		(e feet	C meters
g) Highest adjacent (finished) grade next to building (HAG)	4.3	-	(e feet	C meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	N/A	-	Cfeet	C meters

ELEVATION CERTIFICATE

OMB Control Number: 1660-0008 Expiration: 11/30/2018

1036 & 1038 Point of Rocks Road

Sarasota

FL

34242

SECTION	- SURVEYOR, ENGINE	ER, OR A	RCHITECT CEI	RTIFICATION
This certification is to be signed and sealed be that the information on this Certificate represe punishable by fine or imprisonment under 18	ents my best efforts to int	erpret the		by law to certify elevation information. I certify understand that any false statement may be
☐ Check here if attachments.	Were latitude and lo provided by a licens	ngitude in		
	@ Yes C N	ense Num	0 3	
Certifier's Name Alex S. Esber		4349	ibei	
Title Professional Surveyor & Mapper	Company Name N/A		. 4	SEAL HERE
Address 3712 75th Drive East	City Sarasota	State FL	Zip Code 34243	
Signatur lex Al sle	Date /17	Teleph +1 (9	one 941) 379-8831	200 1 200 AME
Copy both sides of this Elevation Certificate	for (1) community official,	(2) insura	nce agent/comp	any, and (3) building owner.
C2 (e) Lowest elevation of machinery or ec A 8 (b)-(d) There are 12 smart vents install	ed, each having a flow ca	pacity of 2	00 sq. ft.	ipressors on vest size of the building.
Signature				Date
	INFORMATION (SURVE	Y NOT RE	QUIRED) FOR	ZONE AO AND ZONE A (WITHOUT BFE)
E1. Provide elevation information for the folion highest adjacent grade (HAG) and the lost on Top of bottom floor (including baseme	west adjacent grade (LAC		xes to show whe	
or enclosure) is b) Top of bottom floor (including baseme or enclosure) is	ent, crawlspace,	-	_ () feet () i	meters 🔲 above or 🔲 below the LAG.
2		ed in Sect		d/or 9 (see pages 8 -9 of Instructions), the next
E3. Attached garage (top of slab) is			_ Cfeet Ci	meters above or below the HAG.
E4. Top of platform of machinery and /or equencing the building is	uipment		Gfeet G	meters above or below the HAG.
E5. Zone AO only: If no flood depth number	is available, is the top of C Unknown. The local			n accordance with the community's floodplain formation in Section G.
SECTION F - PRO	PERTY OWNER (OR O	WNER'S F	REPRESENTAT	IVE) CERTIFICATION
The property owner or owner's authorized re community-issued BFE) or Zone AO must si Property Owner or Owner's Authorized Rep	gn here. The statements	tes Section	ns A, B, and E for s A, B, and E are	or Zone A (without a FEMA-issued or e correct to the best of my knowledge.
Address	City		State	ZiP Code
Signature	Date		Telephor	ne
Comments				
7.				
_				
			- 11	Check here if attachments.

BUILDING PHOTOGRAPHS

See instructions for Item A6

OMB Control Number: 1660-0008 Expiration: 11/30/2018

IMPORTANT: In these spaces, copy the corresponding information from Section A.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.

1036 & 1038 Point of Rocks Road

City Sarasota

State FL Zip Code Number:

Company NAIC Number:

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front view" and Rear view"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.

FRONT (Dee Place)



BUILDING PHOTOGRAPHS

Continuation Page

OMB Control Number: 1660-0008 Expiration: 11/30/2018

IMPORTANT: In these	spaces, copy the	corresponding information fro	om Section A.	FORM INSURANCE COMPANY USE
Building Street Address		it,Suite, and/or Bldg. No.) or P.O	.Route and Box No.	Policy Number:
City	47	State	Zip Code	Company NAIC Number:
Sarasota	**	FL	34242	

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View" and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.

REAR & East Side



BUILDING PHOTOGRAPHS
Continuation Page

Continuation Page

MB Control Number: 1660-0008
Expiration: 11/30/2018

IMPORTANT: In these spaces, copy the corresponding Information from Section A.

Building Street Address (including Apt., Unit, Suite, and/or Bidg. No.) or P.O.Route and Box No.
1036 & 1038 Point of Rocks Road

Zip Code

Company NAIC Number:

Sarasota

FL

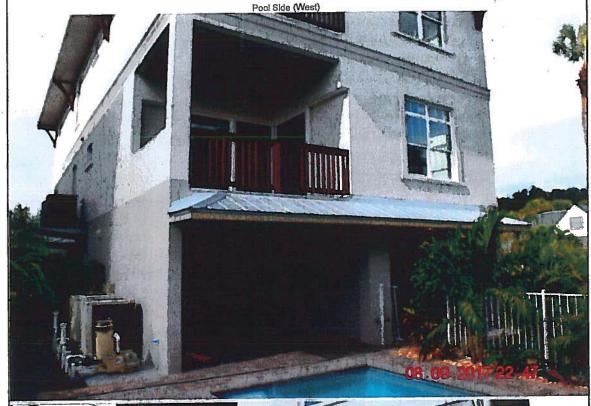
34242

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View" and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.

State

City

FEMA Form 086-0-33 (7/15)





Replaces all previous editions.

BUILDING PHOTOGRAPHS

Continuation Page

OMB Control Number: 1660-0008 Expiration: 11/30/2018

IMPORTANT: In these spaces, copy the corresponding information from Section A.

Building Street Address (including Apt., Unit, Suite, and/or Bidg. No.) or P.O.Route and Box No.

1036 & 1038 Point of Rocks Road

City

Sarasota

State

Zip Code

Company NAIC Number:

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View" and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.



FEMA Form 086-0-33 (7/15)

Replaces all previous editions.



ICC-ES Evaluation Report

ESR-2074 FBC Supplement

Reissued February 2017

This report is subject to renewal February 2019.

www.icc-es.org | (800) 423-6587 | (562) 699-0543

A Subsidiary of the International Code Council®

DIVISION: 08 00 00-OPENINGS

Section: 08 95 43—Vents/Foundation Flood Vents

REPORT HOLDER:

SMARTVENT PRODUCTS, INC. 430 ANDBRO DRIVE, UNIT 1 PITMAN, NEW JERSEY 08071 (877) 441-8368 www.smartvent.com info@smartvent.com

EVALUATION SUBJECT:

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: MODELS #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1540-574; #1540-524; #1540-514

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Smart Vent® Automatic Foundation Flood Vents, recognized in ICC-ES master report ESR-2074, have also been evaluated for compliance with the codes noted below.

Applicable code editions:

- 2014 Florida Building Code—Building (FBC)
- 2014 Florida Building Code—Residential (FRC)

2.0 CONCLUSIONS

The Smart Vent[®] Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the master evaluation report ESR-2074, comply with the FBC and the FRC, provided the design and installation are in accordance with the International Building Code® provisions noted in the master report.

Use of the Smart Vent® Automatic Foundation Flood Vents has also been found to be in compliance with the High-Velocity Hurricane Zone provisions of the FBC and the FRC.

For products falling under Florida Rule 9N-3, verification that the report holder's quality assurance program is audited by a quality assurance entity approved by the Florida Building Commission for the type of inspections being conducted is the responsibility of an approved validation entity (or the code official when the report holder does not possess an approval by

This supplement expires concurrently with the master report, reissued February 2017.





ICC-ES Evaluation Report

ESR-2074 CBC and CRC Supplement

Issued January 2017

This report is subject to renewal February 2019.

www.icc-es.org | (800) 423-6587 | (562) 699-0543

A Subsidiary of the International Code Council®

DIVISION: 08 00 00—OPENINGS

Section: 08 95 43-Vents/Foundation Flood Vents

REPORT HOLDER:

SMARTVENT PRODUCTS, INC. 430 ANDBRO DRIVE, UNIT 1 PITMAN, NEW JERSEY 08071 (877) 441-8368 www.smartvent.com info@smartvent.com

EVALUATION SUBJECT:

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: MODELS #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1540-574; #1540-524; #1540-514

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Smart Vent® Automatic Foundation Flood Vents, recognized in ICC-ES master evaluation report ESR-2074, have also been evaluated for compliance with codes noted

Applicable code edition:

- 2016 California Building Code (CBC)
- 2016 California Residential Code (CRC)

2.0 CONCLUSIONS

2.1 CBC:

The Smart Vent® Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the master evaluation report ESR-2074, comply with 2016 CBC Chapter 12, provided the design and installation are in accordance with the 2015 International Building Code® (IBC) provisions noted in the master report and the additional requirements of CBC Chapters 12, 16 and 16A, as applicable.

The products recognized in this supplement have not been evaluated under CBC Chapter 7A for use in the exterior design and construction of new buildings located in any Fire Hazard Severity Zone within State Responsibility Areas or any Wildland-Urban Interface Fire Area.

The Smart Vent® Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the master evaluation report ESR-2074, comply with the 2016 CRC, provided the design and installation are in accordance with the 2015 International Residential Code® (IRC) provisions noted in the master report.

The products recognized in this supplement have not been evaluated under 2016 CRC Chapter R337, for use in the exterior design and construction of new buildings located in any Fire Hazard Severity Zone within State Responsibility Areas or any Wildland-Urban Interface Fire Area.

The products recognized in this supplement have not been evaluated for compliance with the International Wildland-Urban Interface Code®.

This supplement expires concurrently with the master report, reissued February 2017.



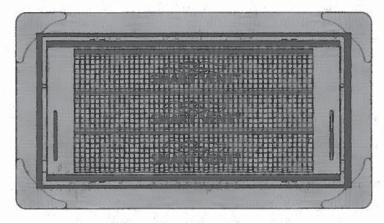


FIGURE 1-SMART VENT: MODEL 1540-510

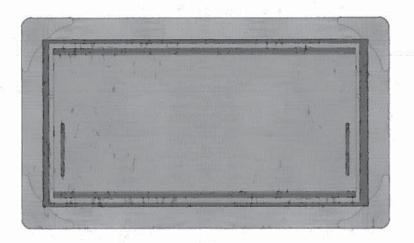


FIGURE 2—SMART VENT MODEL 1540-520

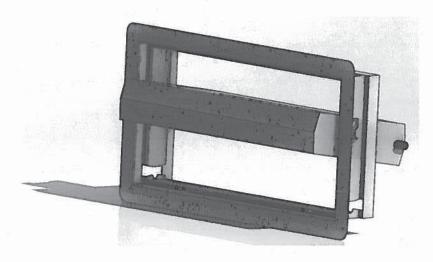


FIGURE 3-SMART VENT: SHOWN WITH FLOOD DOOR PIVOTED OPEN

■ With the bottom of the FV located a maximum of 12 inches (305.4 mm) above the higher of the final grade or floor and finished exterior grade immediately under each opening.

5.0 CONDITIONS OF USE

The Smart Vent[®] FVs described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1 The Smart Vent® FVs must be installed in accordance with this report, the applicable code and the manufacturer's installation instructions. In the event of a conflict, the instructions in this report govern.
- 5.2 The Smart Vent[®] FVs must not be used in the place of "breakaway walls" in coastal high hazard areas, but

are permitted for use in conjunction with breakaway walls in other areas.

6.0 EVIDENCE SUBMITTED

Data in accordance with the ICC-ES Acceptance Criteria for Mechanically Operated Flood Vents (AC364), dated August 2015.

7.0 IDENTIFICATION

The Smart VENT® models recognized in this report must be identified by a label bearing the manufacturer's name (Smartvent Products, Inc.), the model number, and the evaluation report number (ESR-2074).

TABLE 1-MODEL SIZES

MODEL NAME	MODEL NUMBER	MODEL SIZE (in.)	COVERAGE (sq. ft.)
FloodVENT®	1540-520	15 ³ / ₄ " X 7 ³ / ₄ "	200
SmartVENT®	1540-510	15 ³ / ₄ " X 7 ³ / ₄ "	200
FloodVENT® Overhead Door	1540-524	15 ³ / ₄ " X 7 ³ / ₄ "	200
SmartVENT® Overhead Door	1540-514	15 ³ / ₄ " X 7 ³ / ₄ "	200
Wood Wall FloodVENT®	1540-570	14" X 8 ³ / ₄ "	200
Wood Wall FloodVENT® Overhead Door	1540-574	14" X 8 ³ / ₄ "	200
SmartVENT® Stacker	1540-511	16" X 16"	400
FloodVent® Stacker	1540-521	16" X 16"	400

For SI: 1 inch = 25.4 mm; 1 square foot = m²



ICC-ES Evaluation Report

ESR-2074

Reissued February 2017

This report is subject to renewal February 2019.

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A Subsidiary of the International Code Council®

DIVISION: 08 00 00-OPENINGS

Section: 08 95 43-Vents/Foundation Flood Vents

REPORT HOLDER:

SMARTVENT PRODUCTS, INC. 430 ANDBRO DRIVE, UNIT 1 PITMAN, NEW JERSEY 08071 (877) 441-8368 www.smartvent.com info@smartvent.com

EVALUATION SUBJECT:

SMART VENT[®] AUTOMATIC FOUNDATION FLOOD VENTS: MODELS #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1540-574; #1540-524; #1540-514

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2015, 2012, 2009 and 2006 International Building Code® (IBC)
- 2015, 2012, 2009 and 2006 International Residential Code[®] (IRC)
- 2013 Abu Dhabi International Building Code (ADIBC)†

¹The ADIBC is based on the 2009 IBC. 2009 IBC code sections referenced in this report are the same sections in the ADIBC.

Properties evaluated:

- Physical operation
- Water flow

2.0 USES

The Smart Vent[®] units are engineered mechanically operated flood vents (FVs) employed to equalize hydrostatic pressure on walls of enclosures subject to rising or falling flood waters. Certain models also allow natural ventilation.

3.0 DESCRIPTION

3.1 General:

When subjected to rising water, the Smart Vent[®] FVs internal floats are activated, then pivot open to allow flow in either direction to equalize water level and hydrostatic pressure from one side of the foundation to the other. The FV pivoting door is normally held in the closed position by a buoyant release device. When subjected to rising water, the buoyant release device causes the unit to unlatch, allowing the door to rotate out of the way and allow flow.

The water level stabilizes, equalizing the lateral forces. Each unit is fabricated from stainless steel. Smart Vent® Automatic Foundation Flood Vents are available in various models and sizes as described in Table 1. The SmartVENT® Stacking Model #1540-511 and FloodVENT® Stacking Model #1540-521 units each contain two vertically arranged openings per unit.

3.2 Engineered Opening:

The FVs comply with the design principle noted in Section 2.7.2.2 and Section 2.7.3 of ASCE/SEI 24-14 [Section 2.6.2.2 of ASCE/SEI 24-05 (2012, 2009, 2006 IBC and IRC)] for a maximum rate of rise and fall of 5.0 feet per hour (0.423 mm/s). In order to comply with the engineered opening requirement of ASCE/SEI 24, Smart Vent FVs must be installed in accordance with Section 4.0.

3.3 Ventilation:

The SmartVENT® Model #1540-510 and SmartVENT® Overhead Door Model #1540-514 both have screen covers with ¹/₄-inch-by-¹/₄-inch (6.35 by 6.35 mm) openings, yielding 51 square inches (32 903 mm²) of net free area to supply natural ventilation. The SmartVENT® Stacking Model #1540-511 consists of two Model #1540-510 units in one assembly, and provides 102 square inches (65 806 mm²) of net free area to supply natural ventilation. Other FVs recognized in this report do not offer natural ventilation.

4.0 DESIGN AND INSTALLATION

SmartVENT® and FloodVENT® are designed to be installed into walls or overhead doors of existing or new construction from the exterior side. Installation of the vents must be in accordance with the manufacturer's instructions, the applicable code and this report. Installation clips allow mounting in masonry and concrete walls of any thickness. In order to comply with the engineered opening design principle noted in Section 2.7.2.2 and 2.7.3 of ASCE/SEI 24-14 [Section 2.6.2.2 of ASCE/SEI 24-05 (2012, 2009, 2006 IBC and IRC)], the Smart Vent® FVs must be installed as follows:

- With a minimum of two openings on different sides of each enclosed area.
- With a minimum of one FV for every 200 square feet (18.6 m²) of enclosed area, except that the SmartVENT® Stacking Model #1540-511 and FloodVENT® Stacking Model #1540-521 must be installed with a minimum of one FV for every 400 square feet (37.2 m²) of enclosed area.
- Below the base flood elevation.





Most Widely Accepted and Trusted

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ESR-2074

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Reissued 02/2017 This report is subject to renewal 02/20<u>1</u>9.

DIVISION: 08 00 00—OPENINGS

SECTION: 08 95 43—VENTS/FOUNDATION FLOOD VENTS

REPORT HOLDER:

SMARTVENT PRODUCTS, INC.

430 ANDBRO DRIVE, UNIT 1 PITMAN, NEW JERSEY 08071

EVALUATION SUBJECT:

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: MODELS #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1540-574; #1540-524; #1540-514



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